

EDGEWOOD DRIVE WATER MAIN REPLACEMENT

Contract No. BR6248A17

City of Gaithersburg
Activity Center at Bohrer Park

02.24.20 6:30pm

AGENDA

- Introduction to Presentation Panel
- Scope of Work
- Site Map
- Project Info & What to Expect
- Effect on Property and Traffic
- Schedule
- Construction Example Pictures
- Q & A

Edgewood Drive Water Main Replacement

WSSC Water Presentation Panel:

- Ms. Indira Gonzales (WSSC Water): Project Manager
(301) 206-8533 Indira.Gonzales@wsscwater.com
- Mr. Andrew MacNeill (WSSC Water): Contract Manager
(301) 206-7362 Andrew.MacNeill@wsscwater.com
- Mr. Brandon Stewart (WSSC Water): Customer Advocate
(301) 206-8639 Brandon.Stewart@wsscwater.com

Project Designers

- Mr. Paul Lee, P.E. (WM): Project Manager
- Mr. Tom Crawley, P.E. (WM): Project Engineer



Edgewood Drive Water Main Replacement

Replacement of aging infrastructure

- The existing water distribution system is near the end of its useful service life
 - The system was installed in the 1960's and 1970's
- Benefits of this project:
 - More dependable service for the community
 - Reduces future Operational & Maintenance concerns
 - Reduces disruptions to the community, the environment, and emergency services due to water main breaks

Edgewood Drive Water Main Replacement

Scope of Work

The project includes replacement of approximately 4.0 miles of water mains and connections on the following streets:

- Virginia Drive from Rosemont Drive to S Frederick Avenue.
- Alden Avenue from Virginia Drive to Rosemont Drive.
- Edgewood Drive from Edgewood Court to the northern intersection with S Westland Drive
- Edgewood Court from Edgewood Drive to the cul-de-sac
- S Westland Drive from Edgewood Drive to Alden Avenue.
- O'Neill Drive from the S Frederick Avenue to the dead-end
- S Westland Drive from S Frederick Avenue to Chestnut Street
- Central Avenue from S Frederick Avenue to 280' northeast of Paradise Court

Edgewood Drive Water Main Replacement

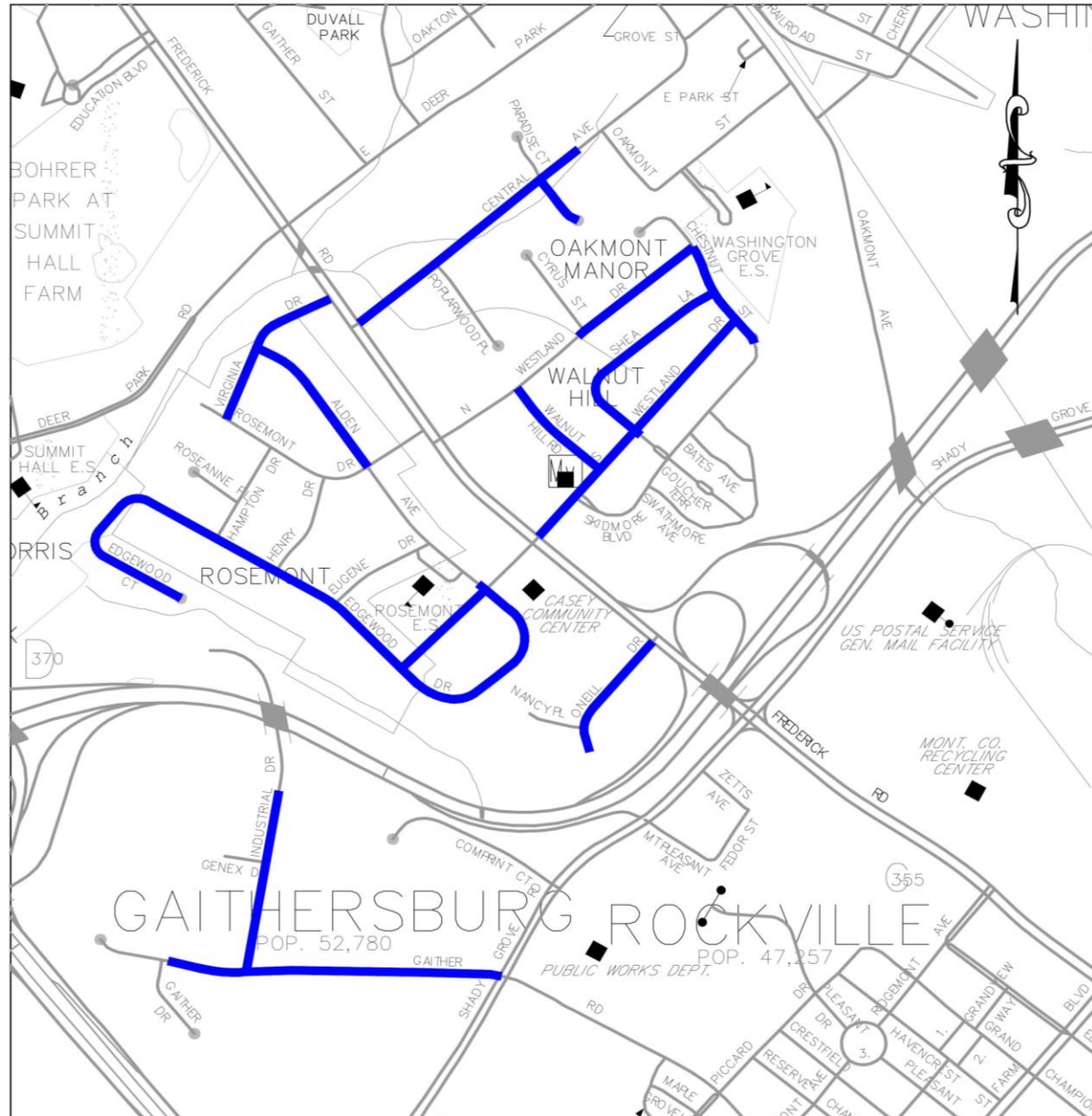
Scope of Work (continued)

The project includes replacement of approximately 4.0 miles of water mains and connections on the following streets:

- Paradise Court from Central Avenue to 609 Paradise Court (dead end street)
- Walnut Hill Road from N Westland Drive to S Westland Drive
- N Westland Drive from Cyrus Street to Chestnut Street
- Chestnut Street from N Westland Drive to Skidmore Boulevard
- Shea Lane from S Westland Drive to Chestnut Street
- Industrial Drive from Gaither Road to 1290' north of the intersection with Gaither Road
- Gaither Road from Shady Grove Drive to 400' west of the intersection with Industrial Drive

Edgewood Drive Water Main Replacement

Site Map



Water main
Replacement
Alignment



Edgewood Drive Water Main Replacement

Project Information Summary:

- This water main was designed and will be constructed under job No. BR6248A17.
- Total length of water main to be replaced/relocated is 4 miles
- Water replacement/relocation by open trench method in paved roadways
- Temporary water mains installed during construction (same trench only)
- Replacement/reconnection of water house connections up to the property line
- Restoration of roadways, trees, etc. affected by construction

Edgewood Drive Water Main Replacement

What to expect:

- Weekday work schedule: 8:00 a.m. to 5:00 p.m., Monday–Friday
- Lane closures (as necessary): 9:00 a.m. to 3:00 p.m.
- Construction activities may include:
 - Field reviews and inspections
 - Survey crews and utility mark-outs
 - Soil borings and test pits
 - Construction crews and heavy machinery
- Temporary on-street parking impacts are anticipated
- No road closures are anticipated. However, certain activities may require temporary closures and delays
- Access will be maintained to homes during construction

Edgewood Drive Water Main Replacement

What to expect (Continued):

- Temporary water mains installed during construction (Same Trench Only)
- Reliable water and sewer service will be maintained during construction
 - Short water shutdowns of up to 8 hours may be required
 - Advanced notification of these shutdowns will be provided
- Construction signs with contact persons will be placed throughout the project sites

Edgewood Drive Water Main Replacement

Effect on Property and Traffic

- Access into homes is **NOT** required
- Access onto private property is generally **NOT** required
- Traffic will be managed to minimize community disruptions



Edgewood Drive Water Main Replacement

Estimated Project Schedule:

- Anticipated Construction Start: Spring 2020
- Estimated Construction Completion: Spring 2022

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Example:

Typical Water Main Construction and Notification Signage



Edgewood Drive Water Main Replacement

Example:
Typical Temporary Water Service Installation



Edgewood Drive Water Main Replacement

In Summary:

- The existing distribution system water mains are near the end of their useful lives.
- WSSC Water will be replacing the distribution system water mains and water house connections up to the property line.
- WSSC Water will minimize service disruptions during construction.
- WSSC Water will coordinate work activities with property owners in the project area.
- WSSC Water will restore all areas impacted by construction activities at the end of the project.
- WSSC Water's goal is to provide a reliable water system to our affected customers.

THANK YOU! QUESTIONS?

